

# PRC 5-CA-MF-H07-4-10,0 - Connecting cable



1150681

<https://www.phoenixcontact.com/us/products/1150681>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Connecting cable, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 5, rated voltage: 690 V AC, rated current: 32 A, Connection method: Screw connection, Contact connection type: Socket/pin, This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

## Your advantages

- Time savings of 80% for startup with Plug and Play
- Locking mechanism can be unlocked manually or using a tool
- Suitable for applications in atmospheres containing salt and in direct sunlight
- Ideal for indoor and outdoor use due to weatherproof materials

## Commercial data

Item number	1150681
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCDB
GTIN	4063151148072
Weight per piece (including packing)	4,620 g
Weight per piece (excluding packing)	4,297 g
Customs tariff number	85444290
Country of origin	PL

# PRC 5-CA-MF-H07-4-10,0 - Connecting cable

1150681

<https://www.phoenixcontact.com/us/products/1150681>



## Technical data

### Notes

Order information:	This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.
--------------------	---

### Product properties

Product type	Assembled installation cable
Product family	PRC 35
Number of positions	5
Connection profile	4+PE
Coding	AD

### Insulation characteristics

Protection class	II
Degree of pollution	2

### Electrical properties

Rated voltage (III/2)	690 V
Nominal voltage ATD	690 V AC (III/2.00) in accordance with IEC 61984
	600 V AC (III/2.00) In accordance with UL 2238
	500 V AC / DC (III/2.00) in accordance with IEC 61535, when mounted
Rated surge voltage (III/2)	8 kV
Rated current	32 A (in accordance with IEC 61984)
	25 A (in accordance with IEC 61535)

### Dimensions

Width	37.6 mm
Height	37.6 mm
Length	10 m

### Material specifications

Color	black
Color of the housing part	black
Flammability rating according to UL 94	V0
Insulating material group	I / CTI 600
Seal material	EPDM
Housing material	PPE
Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PPE
O-ring material	EPDM
Material for screw connection	PPE

# PRC 5-CA-MF-H07-4-10,0 - Connecting cable

1150681

<https://www.phoenixcontact.com/us/products/1150681>



## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	30 °C ... 60 °C
Ambient temperature (storage/transport)	30 °C ... 60 °C
Ambient temperature (assembly)	5 °C ... 60 °C

# PRC 5-CA-MF-H07-4-10,0 - Connecting cable

1150681

<https://www.phoenixcontact.com/us/products/1150681>



## Classifications

### ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

### ETIM

ETIM 9.0	EC003569
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# PRC 5-CA-MF-H07-4-10,0 - Connecting cable

1150681

<https://www.phoenixcontact.com/us/products/1150681>



## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

# PRC 5-CA-MF-H07-4-10,0 - Connecting cable



1150681

<https://www.phoenixcontact.com/us/products/1150681>

## Accessories

### PRC COVER F - Protective cap

1409236

<https://www.phoenixcontact.com/us/products/1409236>

Protective cap, Range of articles: PRC 35, housing material: PPE, color: black, rated voltage: 1000, Suitable for couplings (FS)



---

### PRC COVER M - Protective cap

1409237

<https://www.phoenixcontact.com/us/products/1409237>

Protective cap, Range of articles: PRC 35, housing material: PPE, color: black, rated voltage: 1000, Suitable for connectors (MS)



# PRC 5-CA-MF-H07-4-10,0 - Connecting cable



1150681

<https://www.phoenixcontact.com/us/products/1150681>

## PRC ED-T 1I5/2O5-4-HR-GN - T distributor

1079659

<https://www.phoenixcontact.com/us/products/1079659>



T distributor, Range of articles: PRC 35, design: T distributor, housing material: Polycarbonate fiber reinforced, color: black, max. conductor cross section: 4 mm<sup>2</sup>, rated voltage: 400 V, rated current: 32 A, Connection method: Preassembled, Contact connection type: Input: pin / outputs: socket, Alternatively, this item can be wired. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

## PRC ED-H 1I5/3O5-4-HR-GN - H distributor

1079660

<https://www.phoenixcontact.com/us/products/1079660>



H distributor, Range of articles: PRC 35, design: H-distributor, housing material: Polycarbonate fiber reinforced, color: black, rated voltage: 400 V, rated current: 32 A, Connection method: Preassembled, Contact connection type: Input: pin / outputs: socket, This item is configurable. For a configuration, please contact your local Phoenix Contact subsidiary.

# PRC 5-CA-MF-H07-4-10,0 - Connecting cable

1150681

<https://www.phoenixcontact.com/us/products/1150681>



## PRC ED-H 1I5/3O3-4-HR-GN - H distributor

1079661

<https://www.phoenixcontact.com/us/products/1079661>

H distributor, Range of articles: PRC 35, design: H-distributor, housing material: Polycarbonate fiber reinforced, color: black, rated voltage: 400 V, rated current: 32 A, Connection method: Preassembled, Contact connection type: Input: pin / outputs: socket, Alternatively, this item can be wired. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.



---

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)